



# Section G

## ***HAMMER***

### **PROJECT MANAGERS**

P. W. KRUGER, RL  
(509) 372-4005

K.A. McGinnis, FH  
(509) 376-9403

## **SUMMARY**

The Hazardous Materials Management and Emergency Response (HAMMER) mission area consists of the HAMMER project, WBS 1.9.1.1, Project Baseline Summary (PBS) HM01.

NOTE: Unless otherwise noted, the Safety, Conduct of Operations, Milestone Achievement, and Cost/Schedule data contained herein is as of November 30, 2000. All other information is as of December 21, 2000.

Volpentest HAMMER's first priority is to deliver hands-on training to the Hanford workforce. During November one hundred ninety classes were conducted at the Volpentest HAMMER facility, for a total of 2,636 Hanford site student days. Highest attended health and safety classes included Hazardous Waste Operations, Respiratory Protection, Radiation Worker II Requalification, RCT Cycle Training and Basic Medic First Aid training.

Conducted two successful special Respiratory Protection Training's in support of Hanford Site needs:

- 1) The first mock up involved training T-Plant personnel on supplied airline bottle cart. The scope of work at T-Plant was to enter a containment tent to open barrels of low level radiological solid waste, inventory the contents, and repack into 55-gallon barrels (doing all of the activities with the personnel on supplied air respirators). T-Plant personnel were very supportive of a mockup of the job site at HAMMER and conducting the respiratory training in a realistic work place setting. At HAMMER a containment tent, barrels, airline respirators, continuous air monitors, and similar personal protective clothing were arranged to simulate the working environment. This course was offered at the HAMMER Facility on November 27-28, 2000.
- 2) The second mock up involved a different scope of work in the 300 area where an employee would be painting a vault at the bottom of a 20-foot ladder. HAMMER mocked-up the Self-Contained Breathing Apparatus (SCBA) building to simulate the real job site. The participants entered a vault opening in the attic of the SCBA building in SCOTT SKA-PAK's and fall protection equipment and descended 24 feet down a ladder to a simulated vault. The paint spray was simulated using a fogging smoke. The participants were given a one-on-one practical exam including instructor-initiated loss of air and appropriate response on both the bottle cart and the SCOTT SKA-PAK while performing the job task in the simulated work area.

The two mock-ups were well received from all personnel involved. In addition this demonstrates the flexibility of HAMMER's props to meet customers needs and offer cost-effective training in a non-hazardous environment.

OSHA offered a Trenching and Excavation Course for Competent Persons at the HAMMER facility through D-2000 Safety Solutions. This three-day course, delivered on November 1-3, 2000, covered all training requirements for competent persons as outlined in 29 CFR 1910 and 29 CFR 1926, specifically. Attendees included Washington State Labor and

Industries Compliance Officers and Consultants, individuals from major Hanford contractors, local Public Utility District employees and neighboring city employees. This course received excellent reviews and HAMMER has received several requests by other employers to offer another class. In response to these requests, arrangements are being made to offer this class in March of 2001.

Fiscal-year-to-date milestone performance (EA, DOE-HQ and RL) shows that no milestones were due in November and no future milestones are forecast late.

## **ACCOMPLISHMENTS**

- Trained 2,636 Hanford site student days at HAMMER.
- Conducted two special Respiratory Training's in support of Hanford Site needs.
- Conducted OSHA Trenching and Excavation Course for Competent Persons.

HAMMER currently has no status to report in the areas of ISMS Status, Breakthroughs and Opportunities for Improvement.

## **UPCOMING ACTIVITIES**

- Conduct HAMMER Steering Committee Meeting, April 2001

## **FY TO DATE COST PERFORMANCE (\$M):**

	<b>BCWP</b>	<b>ACWP</b>	<b>VARIANCE</b>
<b>HAMMER</b>	\$0.8	\$0.8	\$0.0

The \$0.02 million (3 percent) favorable cost variance is within established thresholds.

## **FY TO DATE SCHEDULE PERFORMANCE (\$M):**

	<b>BCWP</b>	<b>BCWS</b>	<b>VARIANCE</b>
<b>HAMMER</b>	\$0.8	\$0.8	\$0.0

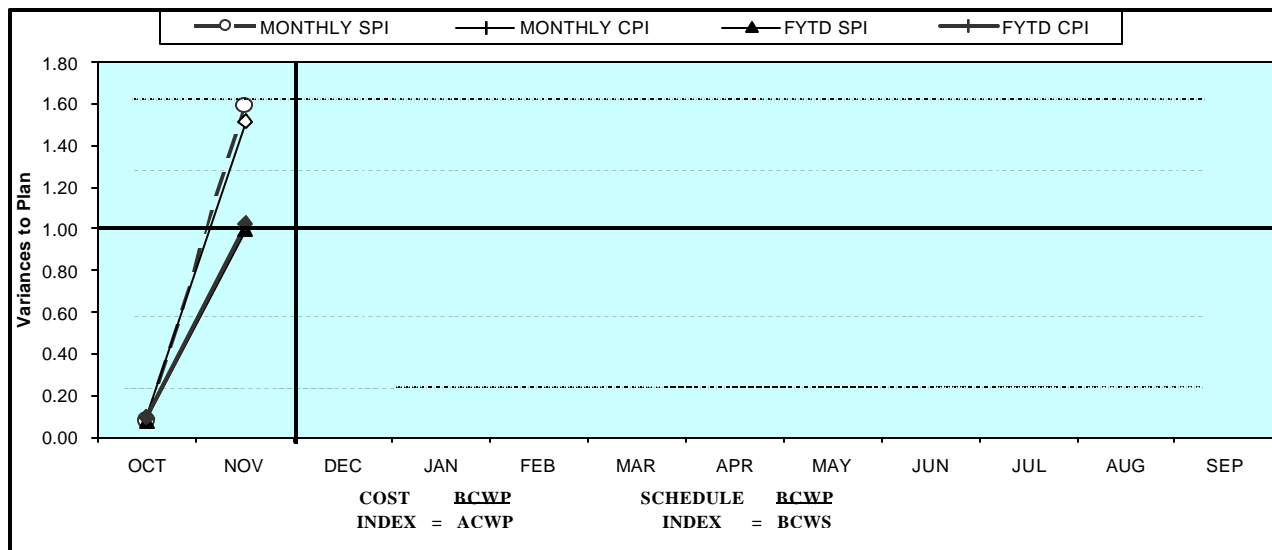
The \$0.0 million (0 percent) schedule variance is insignificant.

## FY 2001 COST/SCHEDULE PERFORMANCE – ALL FUND TYPES CUMULATIVE TO DATE STATUS – (\$000)

Green

		FYTD								
By PBS		BCWS	BCWP	ACWP	SV	%	CV	%	PEM	
PBS HM01	Hammer	\$ 842	\$ 838	\$ 816	\$ (4)	0%	\$ 22	3%	\$ 5,561	
WBS 1.9.1										
Total		\$ 842	\$ 838	\$ 816	\$ (4)	0%	\$ 22	3%	\$ 5,561	

## COST/SCHEDULE PERFORMANCE INDICES (MONTHLY AND FYTD)



FY 2001	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MONTHLY SPI	0.08	1.59										
MONTHLY CPI	0.09	1.52										
FYTD SPI	0.08	1.00										
FYTD CPI	0.09	1.03										
MONTHLY BCWS	\$ 332	\$ 510	\$ 443	\$ 487	\$ 421	\$ 443	\$ 443	\$ 554	\$ 421	\$ 421	\$ 554	\$ 532
MONTHLY BCWP	\$ 27	\$ 811										
MONTHLY ACWP	\$ 281	\$ 534										
FYTD BCWS	\$ 332	\$ 842	\$ 1,285	\$ 1,772	\$ 2,193	\$ 2,636	\$ 3,080	\$ 3,633	\$ 4,054	\$ 4,475	\$ 5,029	\$ 5,561
FYTD BCWP	\$ 27	\$ 838										
FYTD ACWP	\$ 281	\$ 816										

## COST VARIANCE ANALYSIS: (\$0.0M)

**WBS/PBS**      **TITLE**

### 1.9.1.1/HM01 HAMMER

**Description and Cause:** The variance is in within thresholds.

**Impact:** None.

**Corrective Action:** None.

## SCHEDULE VARIANCE ANALYSIS: (\$0.0M)

**WBS**              **TITLE**

### 1.9.1.1/HM01 HAMMER

**Description and Cause:** The variance is within thresholds.

**Impact:** None.

**Corrective Action:** None.

## ISSUES

Nothing to report at this time.

## BASELINE CHANGE REQUESTS CURRENTLY IN PROCESS (\$000)

PROJECT CHANGE NUMBER	DATE ORIGIN	BCR TITLE	FY00 COST IMPACT \$000	S C H	T E C H	DATE TO CCB	CCB APR'VD	RL APR'VD	CURRENT STATUS
HMR-2000-003	7/26/00	FY-2001 MYWP Bridge Change Request	0	X	X	8/25/00		11/2/00	Approved
HMR-2001-001	12/6/00	Incorporate FY 2000 Carryover & Emerging Needs into FY 2001 Baseline	754	X	X	12/21/00	NA	NA	At FH CCB
HMR-2001-002	12/7/00	Delete Installation of the TSB Air Conditioning	-95			NA	NA	NA	Project Approved
ADVANCED WORK AUTHORIZATION									
		Nothing to report.							

## MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	0	0	0	0	0	0	0	0
DOE-HQ	0	0	0	0	0	0	0	0
RI	0	0	0	0	0	9	0	9
<b>Total Project</b>	0	0	0	0	0	9	0	9

**Green**

Tri-Party Agreement / EA Milestones
Nothing to report at this time.
DNFSB Commitments
Nothing to report at this time.

## MILESTONE EXCEPTION REPORT

<u>Number/WBS</u>	<u>Level</u>	<u>Milestone Title</u>	<u>Baseline Date</u>	<u>Forecast Date</u>
-------------------	--------------	------------------------	--------------------------	--------------------------

**OVERDUE - 0**

**FORECAST LATE - 0**